



SIXTH FLOOR - NEW ELECTRICAL LIGHTING/POWER PLAN
1/8" = 1'-0"

A

B

No. OF CKTS.
IN CONDUIT

GROUND

NEUTRAL

PHASE
CONDUCTORS

GFI

HE WILLIAMS 2X4 FLUORESCENT FIXTURE EP F-24-332-F A 12125-WET-EB3-227 OR EQUAL. EXISTING SINGLE SWITCH TO REMAIN. (CONTRACTOR TO VERIFY EXISTING FIXTURE IS DOUBLE BALLASTED.)

HE WILLIAMS 2X4 FLUORESCENT FIXTURE EP F-24-4 32-F A 12125-WET-EB2-227 OR EQUAL. EXISTING DOUBLE SWITCH TO REMAIN. (CONTRACTOR TO VERIFY EXISTING FIXTURE IS DOUBLE BALLASTED.)

DUPLEX RECEPTACLE ON NORMAL CIRCUIT -20A, MTD. 60" AFF TO CENTERLINE WITH 1/4"(65MM) (EXACT LOCATION TO BE VERIFIED WITH COR PRIOR TO INSTALLATION.)

SINGLE RECEPTACLE -20A MTD 60" AFF TO CENTERLINE UNLESS OTHERWISE NOTED (EXACT LOCATION TO BE VERIFIED WITH COR PRIOR TO INSTALLATION.)

HOME RUN TO PANEL - ARROWHEADS INDICATE CIRCUITS. WIRE INDICATED ARE GREEN GROUND, NEUTRAL AND THREE HOT LEGS (A DIFFERENT PHASE FOR EACH CIRCUIT) MAXIMUM THREE CIRCUITS PER CONDUIT.

DUPLEX RECEPTACLE (HOSPITAL GRADE)-20A, MTD, 18" [457MM] AFF. TO CENTERLINE. SUBSCRIPT "GFI" INDICATES GROUND FAULT TYPE. "N" INDICATES NOT HOSPITAL GRADE. "ST" INDICATES (15A) SAFETY TYPE. AND "I" INDICATES ISOLATED GROUND (IF USED)

ELECTRICAL LEGEND

- ### GENERAL CONSTRUCTION NOTES

 - ALL NOTES ON OTHER SHEETS APPLY TO THIS SHEET ALSO.
 - ALL DIMENSIONS ARE TO BE FIELD VERIFIED PRIOR TO CONSTRUCTION.
 - INTENT IS THAT ALL EXISTING AND NEW SURFACES INCLUDING WALLS, SOFFITS, FASCIAS, BULK HEADS, AND HARD CEILINGS ARE TO RECEIVE NEW FINISHES. (SEE FINISH SCHEDULE) UNLESS NOTED OTHERWISE. REPAIR, PATCH CLEAN, AND PREPARE SURFACES BEFORE FINISHING. FOLLOW ALL VA SPECIFICATIONS AND MANUFACTURERS REQUIREMENTS AND RECOMMENDATIONS. DISMOUNT ALL WALL MOUNTED SIGNAGE, PLATES, FIXTURES, EQUIPMENT, HANDRAIL, BUMPER GUARDS, MISCELLANEOUS HARDWARE, ETC. AND REINSTALL AFTER PAINTING IS COMPLETE.
 - PROVIDE BLOCKING BEHIND ALL WALL MOUNTED ITEMS, FIXTURES, GRAB BARS, ETC.
 - CUT AND PATCH EXISTING WALLS TO CONCEAL ROUTING OF UTILITY SERVICES, PIPES, CONDUIT, ETC. UNLESS PROHIBITED BY CODES.
 - FURRING OF UTILITIES, PIPES, CONDUIT ETC. IS TO BE DONE BY THE MINIMUM DEPTH NECESSARY TO CONCEAL PIPES.
- ### ELECTRICAL PLAN KEYNOTES

 - NOT USED
 - PROVIDE 480V POWER TO OUTLET OR HARD WIRED EQUIPMENT.
 - IN EXISTING PANEL LL6E(1) ACTIVATE TWO SPARE 20A BREAKERS FOR NEW CIRCUIT FEEDS AS SHOWN ON PLAN. UPDATE PANEL DIRECTORY.
 - INSTALL NEW 26 X 37.5 X 60 AMSCO CENTURY STERILIZER. (SEE EQUIPMENT CUT SHEET)
 - PROVIDE GROUPED OR GANGED CIRCUIT PROTECTION AND DISCONNECT FOR CONTROL POWER AND VACUUM PUMP POWER AS REQUIRED BY NEC AND LOCAL CODES DISCONNECT TO BE IN DIRECT LINE OF SITE TO A PERSON PERFORMING MAINTENANCE ON EQUIPMENT.
 - PROVIDE POWER SHUTOFFS NEAR STERILIZER FOR SERVICING.
 - PROVIDE GROUNDING METAL CONDUIT AND WIRING BETWEEN EQUIPMENT TERMINALS AND STUD OUTS OR DISCONNECTS. 12 AVG MINIMUM SIZE.
 - REPLACE LIGHT FIXTURES REUSING EXISTING 3 WAY SWITCH/TIMER.
 - IN EXISTING PANEL 480V HP4B ACTIVATE 1 SPARE 15A BREAKERS FOR NEW CIRCUIT FEEDS AS SHOWN ON PLAN FOR VACUUM PUMP POWER. UPDATE PANEL DIRECTORY. THREE PHASE 15A CONDUIT FEED TO THE MACHINE FROM FOURTH FLOOR BREAKER TO FIFTH FLOOR CIRCUIT ROOM AND THROUGH FIFTH FLOOR CEILING TO MACHINE.
 - CONTROL POWER WILL BE POWERED BY NORMAL 120V 20 AMP CIRCUIT LL6E(1) LOCATED IN THE SIXTH FLOOR ELECTRICAL CLOSET.
 - RELOCATE THERMOSTAT
 - RELOCATE LIGHT SWITCH
 - CORE DRILL AS REQUIRED TO TIE INTO ELECTRICAL ROOM F-433 ON 4TH FLOOR.
 - REPLACE ALL 2X4 RECESSED, GASKETED FLUORESCENT FIXTURES TYP THROUGHOUT.

REVISION 1

04-20-2014

T V H S
NASHVILLE
CAMPUS

Tennessee Valley Healthcare System

T V H S
MURFREESBORO
CAMPUS

AREA OF RENOVATION

KEY PLAN

Project Title : COMPLIANCE RENOVATIONS FOR ANIMAL RESEARCH

Drawing Title : 6TH FLOOR PLAN-ACRE BUILDING- NEW CONSTRUCTION

Approved By :

Approved By :

Building Number : ACRE

Checked By : KJ/KMH

Drawn By : REN

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Desg. : 8 OF 11

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